TRANSMITTAL FORM Filing Date September 12, 2003 First Named Inventor Rowe, Robert K Art Unit Not yet assigned Examiner Name Not yet assigned  Examiner Name Not yet assigned  Examiner Name Not yet assigned  Examiner Name Not yet assigned  Examiner Name Not yet assigned  Examiner Name Not yet assigned  Examiner Name Not yet assigned  After Allowance Communication to Govern Internation Interferences    After Allowance Communication to Govern Internation Interferences   Appeal Communication to Group (Anotice, Brief, Reply Brief)   Petition	Appeal
First Named Inventor Rowe, Robert K Art Unit Not yet assigned  Examiner Name Not yet assigned  O20204-001410US     Pee Transmittal Form	Appeal
Examiner Name Not yet assigned    Total Number of Pages in This Submission	Appeal
Examiner Name Not yet assigned    Total Number of Pages in This Submission	Appeal
Submission   Sub	Appeal
☐ Fee Transmittal Form       ☐ Drawing(s)       ☐ After Allowance Communication to Go and Interferences         ☐ Fee Attached       ☐ Licensing-related Papers       ☐ Appeal Communication to Board of and Interferences         ☐ Amendment/Reply       ☐ Petition       ☐ Appeal Communication to Group (A Notice, Brief, Reply Brief)         ☐ After Final       ☐ Petition to Convert to a Provisional Application       ☐ Proprietary Information         ☐ Affidavits/declaration(s)       ☐ Power of Attorney, Revocation Change of Correspondence Address       ☐ Status Letter         ☐ Extension of Time Request       ☐ Terminal Disclaimer       ☐ Other Enclosure(s) (please identify below):         ☐ Express Abandonment Request       ☐ Request for Refund       ☐ Return Postcard, copies of five (5) cited references         ☐ Information Disclosure Statement       ☐ CD, Number of CD(s)       The Commissioner is authorized to charge any additional fees to Account 20-1430.         ☐ Response to Missing Parts/       ☐ Response to Missing Parts/	Appeal
☐ Fee Attached       ☐ Licensing-related Papers       ☐ Appeal Communication to Board of and Interferences         ☐ Amendment/Reply       ☐ Petition       ☐ Appeal Communication to Group (An Notice, Brief, Reply Brief)         ☐ After Final       ☐ Petition to Convert to a Provisional Application       ☐ Proprietary Information         ☐ Affidavits/declaration(s)       ☐ Power of Attorney, Revocation Change of Correspondence Address       ☐ Status Letter         ☐ Extension of Time Request       ☐ Terminal Disclaimer       ☐ Other Enclosure(s) (please identify below):         ☐ Express Abandonment Request       ☐ Request for Refund       Return Postcard, copies of five (5) cited references         ☐ Information Disclosure Statement       ☐ CD, Number of CD(s)       The Commissioner is authorized to charge any additional fees to Account 20-1430.         ☐ Response to Missing Parts/	Appeal
Amendment/Reply	
After Final Petition to Convert to a Provisional Application Proprietary Information  Affidavits/declaration(s) Power of Attorney, Revocation Change of Correspondence Address  Extension of Time Request Other Enclosure(s) (please identify below):  Request for Refund Return Postcard, copies of five (5) cited references  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/	peal
Provisional Application Proprietary Information  Affidavits/declaration(s)  Power of Attorney, Revocation Change of Correspondence Address  Terminal Disclaimer  Other Enclosure(s) (please identify below):  Return Postcard, copies of five (5) cited references  The Commissioner is authorized to charge any additional fees to Account 20-1430.  Response to Missing Parts/	
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Express Abandonment Request  CD, Number of CD(s)  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/	
Certified Copy of Priority Document(s)  The Commissioner is authorized to charge any additional fees to Account 20-1430.  Response to Missing Parts/	
Document(s)  Remarks  Account 20-1430.	
<u> </u>	Depos
Response to Missing Parts under 37 CFR 1.52 or 1.53	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Townsend and Townsend and Crew LLP	
Individual Patrick M. Boucher Reg. No. 44,037	
Signature Patif Gran	
Date 2003 November 4	
CERTIFICATE OF TRANSMISSION/MAILING	
hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name Nicole M. Wartell	ostag
Signature Date	ostage

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

On NOVA, 2003

JC., 90 WNSEND and TOWNSEND and CREW LLP

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert K. Rowe et al.

Application No.: 10/660,884

Filed: September 12, 2003

For: APPARATUS AND METHOD FOR IDENTIFICATION OF INDIVIDUALS BY NEAR-INFRARED SPECTRUM

Examiner: Not yet known

Art Unit:

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. This application is a continuation of and relies upon U.S. Patent Application No. 09/415,594 for an earlier effective filing date under 35 U.S.C. §120. In accordance with 37 CFR. §1.98(d), copies of those references that have been previously submitted to or cited by the Office in the parent application are not enclosed. In addition, U.S. patents which have not been previously submitted to or cited by the Office are not enclosed in accordance with the Patent Office waiver issued August 5, 2003 in the Official Gazette, which states as follows:

Robert K. Rowe et al.

Application No.: 10/660,884

Page 2

The Office hereby waives the requirement under 37 CFR §1.98

(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S.

patent application publication for all U.S. national patent

applications filed after June 30, 2003 and for all international

applications that have entered the national stage under 35 USC §371

after June 30, 2003. See 37 CFR §1.491(b).

In accordance with 37 CFR §1.98(a)(2), copies of foreign patent references B8-

B12, which have not been previously cited, are enclosed. It is respectfully requested that the

cited references be expressly considered during the prosecution of this application, and the

references be made of record therein and appear among the "references cited" on any patent to

issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the

information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses

all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the

undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit

any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Patrick M. Boucher

Reg. No. 44,037

Peter he

TOWNSEND and TOWNSEND and CREW LLP

Two Embarcadero Center, 8<sup>th</sup> Floor

San Francisco, California 94111-3834

Tel: 303-571-4000

Fax: 303-571-4321

PMB:nmb

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Not yet known

Complete if Known

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number

Filing Date

First Named Inventor

Art Unit

Application Number

10/660,884

September 12, 2003

Rowe, Robert K., et. al.

(use as many sheets as necessary) Examiner Name

Substitute for form 1449/PTO

SALEMI B

1 of 9 Attorney Docket Number 020204-001410US

RIGHT			U.S. PATENT D	OCUMENTS	
No.		Document Number			
Examiner	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-2002-0183624-A1	12-05-2002	Rowe, et al.	
	A2	US-3,508,830	04-28-1970	Hopkins et al.	
	A3	US-3,910,701	10-07-1975	Henderson et al.	
	A4	US-4,035,083	07-12-1977	Woodriff et al.	
	A5	US-4,142,797	03-06-1979	Astheimer	
	A6	US-4,169,676	10-02-1979	Kaiser	
	A7	US-4,260,220	04-07-1981	Whitehead	
	A8	US-4,427,889	01-24-1984	Muller	
	A9	US-4,537,484	08-27-1985	Fowler	
	A10	US-4,598,715	07-08-1986	Machler et al.	
	A11	US-4,653,880	03-31-1987	Sting et al.	
	A12	US-4,654,530	03-31-1987	Dybwad	
	A13	US-4,655,225	04-07-1987	Dahne et al.	
	A14	US-4,656,562	04-07-1987	Sugino	
	A15	US-4,657,397	04-14-1987	Oehler et al.	
	A16	US-4,661,706	04-28-1987	Messerschmidt et al.	
	A17	US-4,684,255	08-04-1987	Ford	<del></del>
	A18	US-4,712,912	12-15-1987	Messerschmidt	
	A19	US-4,730,882	03-15-1988	Messerschmidt	
	A20	US-4,787,013	11-22-1988	Sugino et al.	
	A21	US-4,787,708	11-29-1988	Whitehead	
	A22	US-4,830,496	05-16-1989	Young	
	A23	US-4,853,542	08-01-1989	Milosevic et al.	
	A24	US-4,857,735	08-15-1985	Noller	
	A25	US-4,859,064	08-22-1989	Messerschmidt et al.	
	A26	US-4,866,644	09-12-1989	Shenk et al.	
	A27	US-4,867,557	09-19-1989	Takatani et al.	
	A28	US-4,882,492	11-21-1989	Schlager	
	A29	US-4,883,953	11-28-1989	Koashi et al.	
	A30	US-4,944,021	07-24-1990	Hoshino, et al.	
	A31	US-4,975,581	12-04-1990	Robinson et al.	
	A32	US-5,015,100	05-14-1991	Doyle	
	A33	US-5,019,715	05-28-1991	Sting et al.	
	A34	US-5,028,787	07-02-1991	Rosenthal et al.	

Examiner Signature Date Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(use as many sheets as necessary)

2 of 9

Complete if Kn wn			
Application Number	10/660,884		
Filing Date	September 12, 2003		
First Named Inventor	Rowe, Robert K., et. al.		
Art Unit			
Examiner Name	Not yet known		
Attorney Docket Number	020204-001410US		

			U.S. PATENT DOCUMENTS			
R.M.C.	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Examiner	No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
	A35	US-5,051,602	09-24-1991	Sting et al.		
	A36	US-5,068,536	11-26-1991	Rosenthal		
	A37	US-5,070,874	12-10-1991	Barnes et al.		
	A38	US-5,158,082	10-27-1992	Jones		
	A39	US-5,163,094	11-10-1992	Prokoski, et al.		
	A40	US-5,178,142	01-12-1993	Harjunmaa et al.		
	A41	US-5,179,951	01-19-1993	Knudson		
	A42	US-5,204,532	04-20-1993	Rosenthal		
	A43	US-5,222,495	06-29-1993	Clarke et al.		
·	A44	US-5,222,496	06-29-1993	Clarke et al.		
	A45	US-5,223,715	06-29-1993	Taylor		
	A46	US-5,225,678	07-06-1993	Messerschmidt		
	A47	US-5,230,702	07-27-1993	Lindsay et al.		
	A48	US-5,237,178	08-17-1993	Rosenthal et al.		
	A49	US-5,243,546	09-07-1993	Maggard		
	A50	US-5,257,086	10-26-1993	Fateley, et al.		
	A51	US-5,267,152	11-30-1993	Yang et al.		
	A52	US-5,268,749	12-07-1993	Weber et al.		
	A53	US-5,291,560	10-26-1993	Daugman		
	A54	US-5,299,570	04-05-1994	Hatschek		
	A55	US-5,303,026	04-12-1994	Strobl et al.		
	A56	US-5,311,021	05-10-1994	Messerschmidt		
	A57	US-5,313,941	05-24-1994	Braig et al.		
	A58	US-5,321,265	06-14-1994	Block		
	A59	US-5,331,958	07-26-1994	Oppenheimer	· · ·	
	A60	US-5,348,003	09-20-1994	Caro		
	A61	US-5,351,686	10-04-1994	Steuer et al.		
<del>\</del>	A62	US-5,355,880	10-18-1994	Thomas et al.		
-	A63	US-5,360,004	11-01-1994	Purdy et al.		
· · · · · · · · · · · · · · · · · · ·	A64	US-5,361,758	11-08-1994	Hall et al.		
	A65	US-5,366,903	11-22-1994	Lundsgaard et al.		
	A66	US-5,372,135	12-13-1994	Mendelson et al.		
	A67	US-5,379,764	01-10-1995	Barnes et al.		
	A68	US-5,402,778	04-04-1995	Chance		

Examiner Signature Date Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

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3 of 9

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C mplete if Known					
Application Number	10/660,884	_			
Filing Date	September 12, 2003	_			
First Named Inventor	Rowe, Robert K., et. al.				
Art Unit					
Examiner Name	Not yet known				
Attorney Docket Number	020204-001410US				

KO'			U.S. PATENT DOCUMENTS		
Examiner	Cite No.1	Document Number  Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A69	US-5,405,315	04-11-1995	Khuri et al.	
	A70	US-5,419,321	05-30-1995	Evans	
	A71	US-5,435,309	07-25-1995	Thomas et al.	
	A72	US-5,441,053	08-15-1995	Lodder et al.	
\ <del>-</del>	A73	US-5,452,723	09-26-1995	Wu et al.	
· · · · · · · · · · · · · · · · · · ·	A74	US-5,459,317	10-17-1995	Small et al.	
	A75	US-5,459,677	10-17-1995	Kowalski et al.	
	A76	US-5,460,177	10-24-1995	Purdy et al.	
···	A77	US-5,483,335	01-09-1996	Tobias	
	A78	US-5,494,032	02-27-1996	Robinson et al.	
	A79	US-5,505,726	04-09-1996	Meserol	
<del></del>	A80	US-5,507,723	04-16-1996	Keshaviah	
-	A81	US-5,515,847	05-14-1996	Braig et al.	
<del></del>	A82	US-5,518,623	05-21-1996	Keshaviah et al.	
	A83	US-5,523,054	06-04-1996	Switalski et al.	
	A84	US-5,533,509	07-09-1996	Koashi et al.	
	A85	US-5,537,208	07-16-1996	Bertram et al.	
<del></del>	A86	US-5,539,207	07-23-1996	Wong, et al.	
•	A87	US-5,552,997	09-03-1996	Massart	
-	A88	US-5,559,504	09-24-1996	Itsumi, et al.	
	A89	US-5,596,992	01-28-1997	Haaland et al.	
	A90	US-5,606,164	02-25-1997	Price et al.	
	A91	US-5,630,413	05-20-1997	Thomas et al.	
·	A92	US-5,636,633	06-10-1997	Messerschmidt et al.	
:	A93	US-5,655,530	08-12-1997	Messerschmidt	
	A94	US-5,672,864	09-30-1997	Kaplan	
	A95	US-5,672,875	09-30-1997	Block et al.	
	A96	US-5,677,762	10-14-1997	Ortyn et al.	
······	A97	US-5,681,273	10-28-1997	Brown	
	A98	US-5,708,593	01-13-1998	Saby et al.	
	A99	US-5,719,950	02-17-1998	Osten et al.	
	A100	US-5,724,268	03-03-1998	Sodickson et al.	
-	A101	US-5,737,439	08-07-1998	Lapsley, et al.	
	A102	US-5,743,262	04-28-1998	Lepper, Jr. et al.	

Signature Considered

Date

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner

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Substitute for form 1449/PTO Complete if Kn wn 10/660,884 **Application Number** INFORMATION DISCLOSURE Filing Date September 12, 2003 STATEMENT BY APPLICANT Rowe, Robert K., et. al. **First Named Inventor** Art Unit (use as many sheets as necessary) Not yet known **Examiner Name** 020204-001410US of Attorney Docket Number

A CONTRACTOR OF THE CONTRACTOR			U.S. PATENT DOCUMENTS			
		Document Number				
Examiner	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	A103	US-5,747,806	05-05-1998	Khalil		
	A104	US-5,750,994	05-12-1998	Schlager		
	A105	US-5,751,835	05-12-1998	Topping, et al.		
	A106	US-5,761,330	06-02-1998	Stoianov, et al.		
	A107	US-5,782,755	07-21-1998	Chance et al.		
	A108	US-5,792,050	08-11-1998	Alam et al.		
	A109	US-5,792,053	08-11-1998	Skladner et al.		
	A110	US-5,793,881	08-11-1998	Stiver, et al.		
	A111	US-5,808,739	09-15-1998	Turner et al.		
	A112	US-5,818,048	10-06-1998	Sodickson et al.		
· ·	A113	US-5,823,951	10-20-1998	Messerschmidt et al.		
	A114	US-5,828,066	10-27-1998	Messerschmidt		
	A115	US-5,830,132	11-03-1998	Robinson		
	A116	US-5,830,133	11-03-1998	Osten et al.	•	
· · · · ·	A117	US-5,850,623	12-15-1998	Carman, Jr. et al.		
	A118	US-5,853,370	12-29-1998	Chance et al.		
	A119	US-5,857,462	01-12-1999	Thomas et al.		
	A120	US-5,860,421	01-19-1999	Eppstein et al.		
	A121	US-5,867,265	02-02-1999	Thomas, Gordon Albert		
	A122	US-5,886,347	03-23-1999	Inoue et al.		
	A123	US-5,902,033	05-11-1999	Levis et al.		
	A124	US-5,914,780	06-22-1999	Turner et al.		
	A125	US-5,933,792	08-03-1999	Anderson et al.		
	A126	US-5,935,062	08-10-1999	Messerschmidt et al.		
<del>-</del>	A127	US-5,945,676	08-31-1999	Khalil	·····	
······································	A128	US-5,949,543	09-07-1999	Bleier et al.		
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020204-001410US

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Substitute for form 1449/PTO

Application Number 10/660,884

Filing Date September 12, 2003

First Named Inventor Rowe, Robert K., et. al.

Art Unit

(use as many sheets as necessary)

Examiner Name Not yet known

Attorney Docket Number

			U.S. PATENT DOCUMENTS			
Examiner	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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6 of 9

Complete if Known				
Application Number	10/660,884			
Filing Date	September 12, 2003			
First Named Inventor	Rowe, Robert K., et. al.			
Art Unit				
Examiner Name	Not yet known			
Attorney Docket Number	020204-001410US			

HARDE			U.S. PATENT DOCUMENTS			
Examiner	Cite ~ No.1	Document Number  Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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